

From: KarenD Johnson/R3/USEPA/US
Sent: 1/13/2012 11:06:04 AM
To: Richard Fetzer/R3/USEPA/US@EPA; Ann DiDonato/R3/USEPA/US@EPA; Dawn loven/R3/USEPA/US@EPA; Eric Johnson/R3/USEPA/US@EPA; Dennis Carney/R3/USEPA/US@EPA
CC: Robert Helverson/R3/USEPA/US@EPA; Jon Capacasa/R3/USEPA/US@EPA; Victoria Binetti/R3/USEPA/US@EPA
Subject: New data, new names in the response to the 104 data from Cabot

Going through the new data submitted and I found several additional chemicals identified and locations from the Test America data just received from well water samples-

Several new names with contaminant levels that may be of concern:

Ex. 6 - Personal Privacy [redacted] new name not part of DEP order

Methane 34.50 mg/l 9/23/10

Methane 60.40 mg/l 7/22/11

Lithium 182.42 ug/l in 9/10

Lithium 380 ug/l in 7/11

[Ex. 6 - Personal Privacy]

Chlorodibromomethane 3.8 ug/l

Chloroform 7.8 ug/l

propane 13 ug/l

Bis (2-chloroethyl)ether 14 ug/l

Tentatively identified compounds:

1,1-dimethyl-3-chloropropanol 68.3 ug/l

2,3-dichloro-2-methyl-Butane 54.6 ug/l

U 234 1.64 pCi/l

U 238 0.62 (J)

barium 720 ug/l

Total phenols 0.1 mg/l

Total Organic Carbon 1.8 mg/l

six other unknown compounds

[Ex. 6 - Personal Privacy]

Bromodichloromethane 3.8 ug/l

Chlorodibromomethane 5.7 ug/l

[Ex. 6 - Personal Privacy]

Bis (2-ethylhexyl)phthalate 3.2 ug/l

tributyl phosphate 8.95 ug/l - tentatively identified compound

[Ex. 6 - Personal Privacy] unknown location not part of DEP order and no address

High in indicators like Fe, Na

Uranium 234 3.14 pCi/L

Uranium 238 1.58

Barium 234 ug/l

[Ex. 6 - Personal Privacy]

Uranium 234- 3.29 pCi/L

Uranium 238 1.28 pCi/L

[Ex. 6 - Personal Privacy] not one of the PADEP Order homes, but lives on [Ex. 6 - Personal Privacy] previously determined by DEP not to be affected

First show of effect with higher Fe, Mg and Na

also Uranium 234 1.9 pCi/l

uranium 238 0.93 (J)

[Ex. 6 - Personal Privacy]

Uranium 234 2.62
Uranium 238 1.23 pCi/l

Ex. 6 - Personal Privacy

U234= 2.28 pCi/l
U238= 1.13

Ex. 6 - Personal Privacy

U234= 1.2 pCi/L
U238= 0.78 (J)
Karen D. Johnson, Chief
Ground Water & Enforcement Branch